Curso sobre fundamentos algorítmicos y ética en la IA: de la teoría a la práctica

UC4 | Equidad y parcialidad de los datos en la IA
Ejercicios de evaluación formativa

Open answer formative assessment

Case study

	Description
Task description	Letting students examine their biases in relation to the Alan Turing positionality matrix, enabling them to understand how their personal biases influence the outcomes of AI projects
Description of how to do the task	Use the positionality matrix presented in the next slide and reflect all four points from your personal perspective «personal characteristics and group identifications», «education, training & work background», «institutional frame and team composition» & «socioeconomic status»
Estimated time to do the task	20 mins
Suggestion of sources for doing the task	Reflect on Purpose, Positionality, and Power - Turing Commons (alan-turing-institute.github.io)
Detailed description of how to deliver the task	See next pages for more information
Information on the deadline for the task delivery	
Contact information or how to clarify doubts	

DESIGN PHASE

Recognizing the personal biases

Imagine that you work in the company, which has chosen to proceed with an AI-driven recruitment solution. You and your team have been appointed as part of the development team.

Your company acknowledges the importance of assembling a diverse, multi-stakeholder group to assure a variety of perspectives for the success of the project.

In an effort to address potential unconscious biases within the team, the company has mandated that all team members will participate in an exercise modeled after Alan Turing called "Positionality Matrix".

TOOL

Alan Turing positionality matrix is designed to illuminate the team's personal biases, demonstrating how socioeconomic backgrounds, cultural contexts, and individual life experiences can influence one's judgment and decision-making. More information from alan-turing-institute.github.io

Recognizing the personal biases

DESIGN PHASE

See the slide 5 for more information on what is meant with different boxes and how you should fill in the slide in the page 6.

You need to return only the slide 6 filled with your personal considerations. The slide will not be shared with anybody else, only the teacher will see it. The purpose of this exercise is to understand, how all of us have biases built within us, depending on our background and history.

Alan Turing Test; Reflect on Purpose, Positionality and Power

Personal Characteristics & Group identification
How do I identify?
Age, race & ethnicity, disability status, religion, gender, sexuality, marital status, parental status, linguistic background

Education, Training & Work Background
How have I been educated and trained?
Schools attended, level of education, opportunities for advancement and profesionnal development, employement history
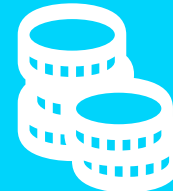
POSITIONALITY MATRIX
To what extent do my personal characteristic, group identifications, socioeconomic status, educational, training & work background, team composition & institutional frame represent sources of power and advantage of source of marginalisation and disadvantage? How does this positionality influence my (and my team's) ability to identify & understand affected stakeholders and the potential impacts of my project?

Institutional Frame and Team Composition
What kind of role do I normally take in the team? Am I the silent member, or do I take an active role in the team? Do I look at the big picture or am I more attached to details? When things don't proceed as I wish, how do I act in the group?
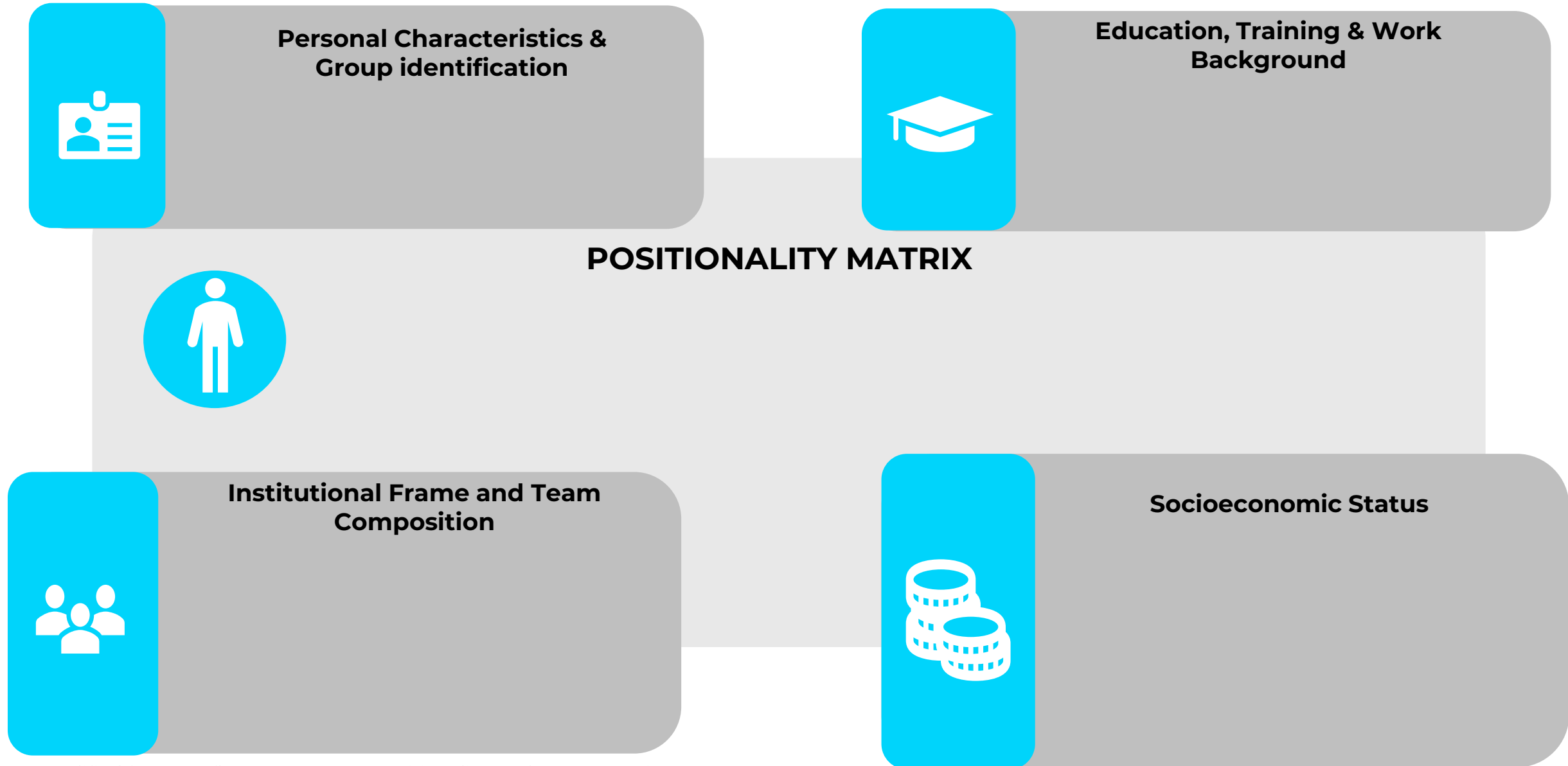
* Modified for this purpose

Socioeconomic Status

What is my socioeconomic history?
Socioeconimic status growing up, social mobility over time, present status, socioeconomic aspiration

Alan Turing Test; Reflect on Purpose, Positionality and Power

Personal Characteristics & Group identification

Education, Training & Work Background

POSITIONALITY MATRIX

Institutional Frame and Team Composition

Socioeconomic Status

THANK YOU